

THE INVENTION CLAIMED IS

1. A tip for demolition and construction equipment comprising:
  - a) a discrete base having:
    - i) a top side, a bottom side and walls therebetween;
    - ii) a mounting surface on the top side of the base adapted to be secured to a support;
    - iii) a central portion with a cutting edge, whereby the cutting edge is defined at the lowermost portion of the bottom side of the base; and
    - iv) a recess extending into at least one wall of the base, wherein the recess defines a recess upper side, an inner wall and a recess contour; and
  - b) an insert having:
    - i) a top side, a bottom side and walls therebetween;
    - ii) a cutting edge defined at the lowermost portion of the bottom side of the insert and generally aligned with the cutting edge of the base; and
    - iii) a profile which generally conforms to the recess contour; and
  - c) wherein an insert is secured within each recess.
2. The tip in accordance with claim 1, wherein the cutting edge of the insert is in approximate alignment with the cutting edge of the base.
3. The tip in accordance with claim 1, wherein the top side of the insert is positioned against the upper side of the recess.
4. The tip in accordance with claim 1, wherein the recess contour is triangular contour and the tip has a corresponding triangular profile.
5. The tip in accordance with claim 1, wherein the profile of the insert is symmetric and further including cutting edges at the intersection of each pair of walls such that the insert is indexable within the recess to position a cutting edge of the insert in general alignment with the cutting edge of the base.
6. The tip in accordance with claim 1, wherein the base further includes a socket extending into the inner wall of the base and wherein the insert further includes a

projection extending from one wall, wherein the projection fits within the socket to support the insert within the base.

7. The tip in accordance with claim 6, wherein the socket and projection have matching shapes and are non-circular such when the insert is mounted within the recess that is no relative rotation between the socket and the projection.

8. The tip in accordance with claim 1, further including a common bore extending through the insert walls and at least one base wall and further including a fastener passing through the common bore and securing the insert within the recess of the base.

9. The tip in accordance with claim 8, wherein the fastener is a threaded bolt having a bolt head and threaded shaft, wherein the bore of the insert is countersunk to accept the bolt head and wherein the bore of the base is threaded to accept the threaded shaft.

10. The tip in accordance with claim 8, wherein there is a recess within each wall of the base with an insert positioned within each recess.

11. The tip in accordance with claim 10, wherein the fastener is a threaded bolt having a bolt head and a threaded shaft and wherein the bore of one insert is countersunk to accept the bolt head and the bore of the other insert is threaded to accept the threaded shaft.

12. The tip in accordance with claim 10, wherein the fastener is a nut/bolt arrangement, wherein the bolt head is countersunk within one insert and the nut is countersunk within the other insert to provide a featureless outer surface.

13. An insert for use with a tip for demolition or construction equipment, wherein the tip has a discrete base with a top side, a bottom side and walls therebetween, a mounting surface on the top side of the base adapted to be secured to a support, a central portion with a cutting edge, whereby the cutting edge is defined at the lowermost portion of the bottom side of the base, and a recess extending into at least one side of the base, wherein the recess defines at least a recess upper wall, an inner side and a recess contour, wherein the insert comprises a body having:

- a) a top side, a bottom side and walls therebetween;

- b) a cutting edge defined at the intersection of two walls; and
- c) a shape which conforms to the recess contour.

14. The insert in accordance with claim 13, further including a projection adapted to provide lateral support when the insert is mounted within the base.

15. The insert in accordance with claim 14, wherein the projection is triangular in shape.

16. Demolition and construction equipment having a support and mounted upon the support a tip comprising:

- a) a discrete base having:
  - i) a top side, a bottom side and walls therebetween;
  - ii) a mounting surface on the top side of the base adapted to be secured to a support;
  - iii) a central portion with a cutting edge, whereby the cutting edge is defined at the lowermost portion of the bottom side of the base; and
  - iv) a recess extending into at least one wall of the base, wherein the recess defines a recess upper side, an inner wall and a recess contour; and
- b) an insert having:
  - i) a top side, a bottom side and walls therebetween;
  - ii) a cutting edge defined at the lowermost portion of the bottom side of the insert and generally aligned with the cutting edge of the base; and
  - iii) a profile which generally conforms to the recess contour; and
- c) wherein an insert is secured within each recess.

17. A method of securing inserts within a tip for demolition and construction equipment having a discrete base with a top side, a bottom side and walls therebetween, a mounting surface on the top side of the base adapted to be secured to a support, a central portion with a cutting edge, whereby the cutting edge is defined at the lowermost portion of the bottom side of the base, and a recess extending into two opposing walls of the base, wherein each recess defines a recess upper wall, an inner side and a recess contour, wherein the method comprises the steps of:

- a) providing a common bore through the insert and the walls of the base at each recess;
- b) positioning an insert within each recess;
- c) inserting a fastener therethrough; and
- d) securing the fastener against each insert within the recess.